IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:
    Arthur Lin et al.
 	
Serial No.: not yet assigned
 	
Filed: herewith
 	
For: ROUTER WITH CLASS OF
    SERVICE MAPPING
	)
	)
	)
	)
	)
	)
	)
	)
	)
	)
	)
	)
	)

Examiner: not yet assigned

Art Unit: not yet assigned

Cesari and McKenna, LLP
30 Rowes Wharf
Boston, MA 02110
July 14, 2000

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT\

Please cancel claims 1-29 and insert the following new claims 30-44 as set forth

below:

30. A router for use in routing packets over a network, the router supporting a plurality,
X, of classes of service and including:

    A. a plurality of input ports for receiving packets over the network;

    B. a plurality of output ports for transferring packets over the network;

    C. a classifier for assigning packets received by the input ports to $X * Y$ classes

of service, where * represents multiplication, and mapping the XY classes of service to

the X classes of service that are supported by the router, the classifier assigning to the